



217/782-6762

Refer to: 1978030003 -- Will County
Lemont/Land and Lakes
Permit No. 1976-17-0P
Supplemental Permit No. 1985-180-SP

December 12, 1985

Land and Lakes Company
123 North Northwest Highway
Park Ridge, Illinois 60068

Gentlemen:

This is a two part supplemental permit. Part I approves the closure plan and post-closure care plan for the site as described hereafter, and Part II permits operation in Phase IIIB.

Part I

The closure plan and post-closure care plan submitted by Land and Lakes Company and prepared by Clark Engineering Service, dated September 10, 1985 with an addendum dated December 6, 1985, received by the Agency September 17, 1985, and December 6, 1985, to close the referenced landfill is hereby approved.

This supplemental permit covering the closure and post closure plan is further subject to the following special conditions:

1. This closure plan becomes an integral part of the permit for the referenced site and supersedes all prior closure plans.
2. When closure is complete the owner or operator must submit to the Director certification both by the owner or operator and by an independent registered professional engineer that the facility has been closed in accordance with the specifications in the approved closure plan. These certifications must be received by this Agency within 30 days after closure.
3. The operator shall notify the Agency within 30 days after receiving the final volume of waste.
4. The operator shall initiate implementation of the closure plan within 30 days after the site receives its final volume of waste.
5. The operator shall not file any application to modify the closure plan less than 180 days prior to receipt of the final volume of waste.

EPA Region 5 Records Ctr.



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6. The operator shall file revised cost estimates for closure and post-closure care at least every two years, in accordance with 35 Ill. Adm. Code, Subtitle G, Part 807, Subpart F.
7. Final cover is to be placed in lifts not to exceed 8 inches (loose). The final cover, exclusive of any topsoil (vegetative) layer, shall be compacted to a minimum of 90% of ASTM D698 (Standard Proctor) density. Compaction testing will be conducted and reported at a rate of one test per acre of final cover. Compaction test results, moisture-density curves (ASTM D698) and related soil data must be submitted to the Agency with the plan sheets and closure affidavits required by Section 807.508. The reported compaction tests may be for the final lift of final cover.
8. During site operation, records of field investigations, inspections, sampling, and corrective action taken, are to be maintained at the site and made available to IEPA personnel. During the post-closure care period, these records are to be maintained at the office of site operator.
9. Should the control of landfill gas become necessary, a modified closure plan will be filed which will include plans for installation and operation of landfill gas flares. A supplemental permit covering the details of construction, installation and operation shall be secured from the Agency before any gas control devices are installed.

Part II

Supplemental permit is hereby granted to Land and Lakes Company to operate in the area designated as Phase IIIB at the above-referenced site all in accordance with the application and plans submitted for Charles W. Greengard and Associates by Don R. Fielding, dated September 12, 1985, and received by the Agency on September 17, 1985. This supplemental permit is further subject to the following special conditions:

1. The design, construction and operation of Phase IIIB must be in accordance with the development permit and any supplemental permits. Any modification of the approved plans will require a supplemental permit to modify development.
2. The corners of the present and future developed areas shall be marked so that they may be identified.
3. The side wall liners shall, at all times be completed at least two (2) feet above the level of any refuse. Permeable materials which fall onto the side wall of the liner shall be removed before additional lifts of the sidewall are constructed.



4. Within 45 days of issuance of this permit, application and plans shall be submitted for a permit to install a manhole at the low point of the liner in Phase IIIA to allow for inspection of, and possible removal of leachate as required by special condition 8, Permit 1976-17-OP, dated December 13, 1982.

All certifications, logs, or reports which are required to be submitted to the Agency by the permittee should be mailed to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Unit
Compliance Monitoring Section
Division of Land Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Except as modified in the above documents, the site shall be operated in accordance with the terms and conditions of Permit No. 1976-17-OP, dated December 13, 1982.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Lawrence W. Eastep".

Lawrence W. Eastep, P.E., Manager
Permit Section

Division of Land Pollution Control
RCM

LWE:RCM:jk/3006e,32-34

cc: Northern Region
Compliance Monitoring Section
Don R. Fielding, P.E., Charles W. Greengard and Associates
Charles E. Clark
Division File
Robert C. Mulvey